

INSTALLATION INSTRUCTIONS

General MODEL AC-1 HIGH EFFICIENCY AIR CLEANER

FOR INSTALLATION IN THE
RETURN AIR DUCT OF ANY FORCED
AIR HEATING AND COOLING SYSTEM



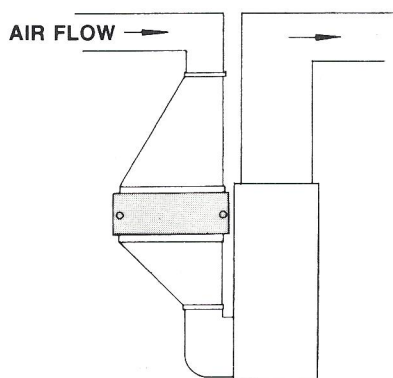
This air cleaner is designed for use in systems up to 2000 CFM. For higher airflows additional units may be required. Several typical installations are shown below. Choose the appropriate method for each installation.

IMPORTANT: A 26 inch clearance must be allowed for removal of the media frame assembly from the air cleaner cabinet.

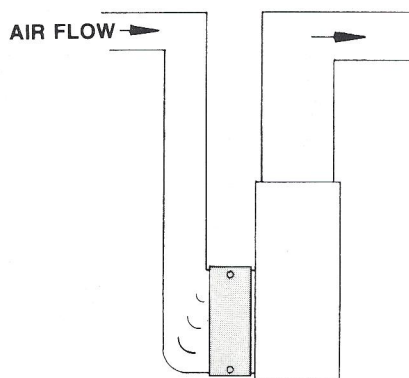
1. Remove two thumb screws from front of cabinet and remove front cover.
2. Slide media frame assembly from air cleaner cabinet.
3. Turn off electricity to furnace.
4. Remove and discard existing furnace air filter.
5. Install air cleaner cabinet in return air system. Be sure to follow airflow direction arrows on interior of cabinet.
6. Install a duct support from the floor if necessary. Duct transitions or turning vanes are recommended in highboy installations.
7. Tape all joints in duct work between air cleaner and blower compartment.
8. Slide the media frame into the air cleaner cabinet. Be sure the airflow arrow on the media frame is in the same direction as the arrow in the cabinet. The plastic pleat spacers are always on the downstream side of the filter media. Replace cover and thumb screws.
9. If a condition indicator is to be used, install on a vertical duct surface between the air cleaner and the furnace blower.
10. Turn on furnace and check performance of all equipment.

REFER TO MEDIA CHANGE INSTRUCTIONS ON
SIDE OF MEDIA FRAME FOR INSTALLATION OF
AIR CLEANER MEDIA AND PLEAT SPACERS.

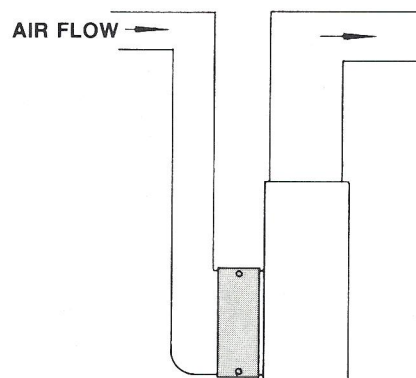
TYPICAL INSTALLATIONS



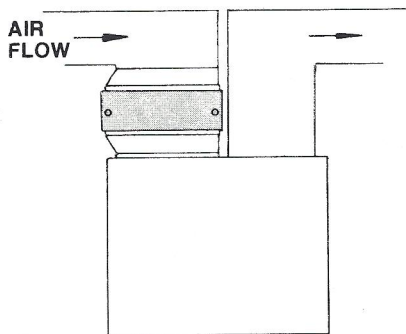
HIGHBOY WITH
TRANSITION



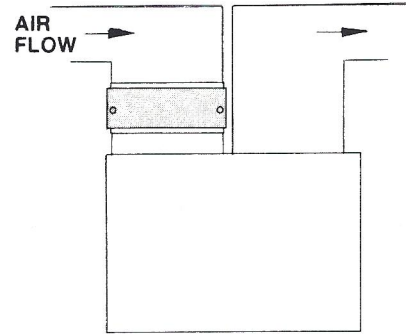
HIGHBOY WITH
TURNING VANES



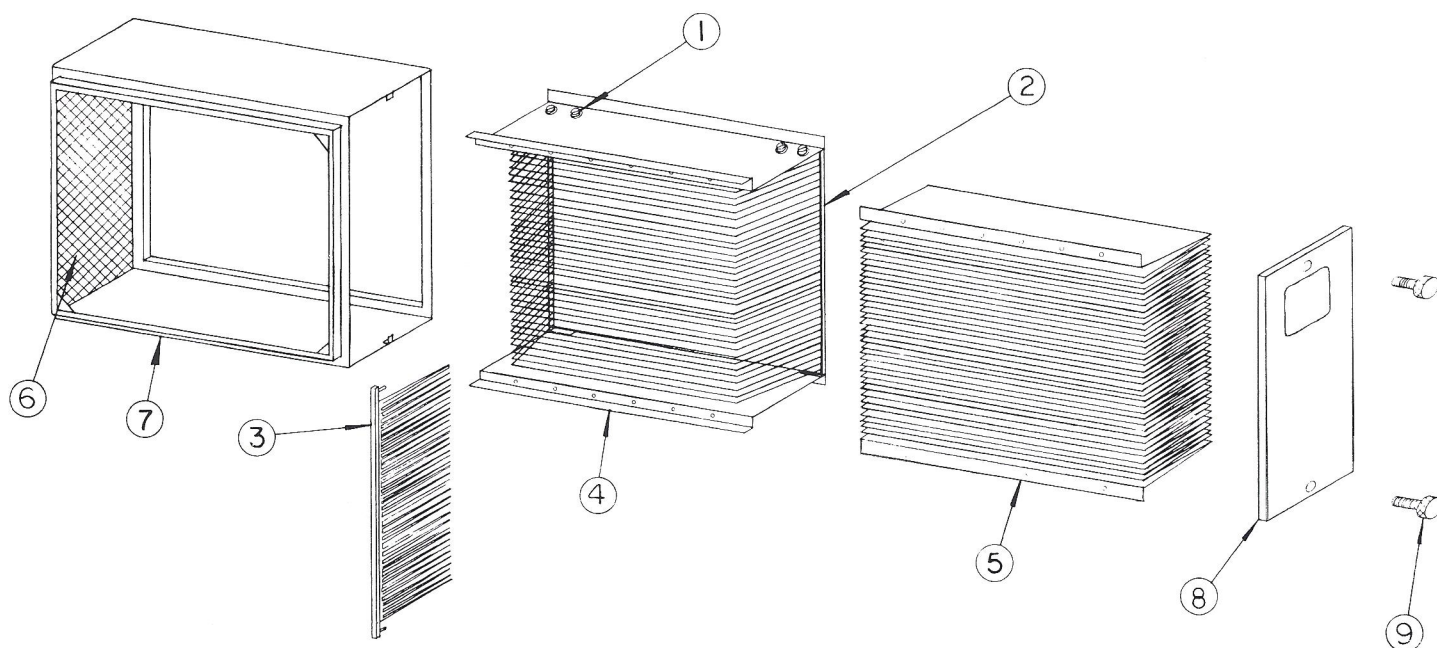
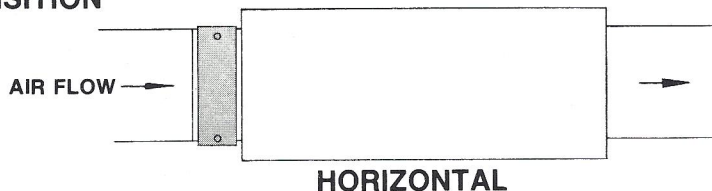
HIGHBOY NO
TRANSITION



LOWBOY WITH TRANSITION



LOWBOY NO TRANSITION



ITEM	PART NO.	PART NAME	NUMBER REQ'D.
1	P178	SCREW	8
2	12751	SEPARATOR ASSEMBLY	1
3	12757	PLEAT SPACER	6
4	12754	SIDE FRAME ASSEMBLY	2
5	12758	AIR CLEANER MEDIA ASSEMBLY	1
	12749	MEDIA FRAME ASSEMBLY COMPLETE (INCLUDES ITEMS 1 THRU 5)	1
6	12762	FILTER PAPER END SEAL KIT	1
7	12740	AIR CLEANER CABINET	1
8	12769	COVER ASSEMBLY	1
9	12748	THUMB SCREW	2

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